EDIMAX
NETWORKING PEOPLE TOGETHER

EW-7727In

Wireless 802.11n PCI Adapter

EW-7727In is a wireless PCI adapter which provides a simple and easy way to add or upgrade wireless connectivity to your desktop computer. This nMax PCI adapter with MIMO technology supports higher data rate up to 300Mpbs* *. You can just plug it into your computer's PCI slot and enjoy incredible high-speed wireless network access.

Wireless 802.11n devices with data rate up to 300Mbps* *

EW-7727In is complied with wireless 802.11b/g/n standards with latest 11n MIMO technology to increase the wireless speed up to 6 times faster and extends the range 4 times further* to reduce "dead spots" within the wireless coverage area. The transmission data rate when connecting with wireless 802.11n devices is up to 300Mbps* *, which makes signal travel farther and maintain wireless connections much reliable than standard wireless 802.11b/g network.

Supports WPS (Wi-Fi Protected Setup) configuration

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless network. This wireless PCI adapter supports WPS hardware button configuration. When both ends of the wireless connection use Edimax wireless solution with WPS, it will automatically configure the wireless network with robust WPA data encryption and authentication.

Supports multi-language EZmax setup wizard

The included EZmax setup wizard with 12 languages and friendly UI will walk you through configuring EW-7727In to your wireless network.

Supports MIMO technology with 2 pcs detachable antennas

Supports MIMO technology with 2 detachable 3dBi antennas captures faint signals. User can flexibly combine using Edimax EA-MAS antenna relocation stand and move to better position for extended range and reduced dead spots.

* Maximum performance may vary depending on network conditions and environmental factors.
* * Download speed only

FEATURES AND TECHNICAL SPECIFICATIONS

❋ Supports Multi-Language EZmax setup wizard
❋ Provides further coverage, less dead spot and higher throughput (Up to 300Mbps* *) with MIMO technology.
❋ Supports WMM, WMM-PS (IEEE 802.11e QoS standard).
❋ Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) for high security level.
❋ Supports WPS configuration button

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
❋ PCI Interface ❋ 2 x 3dBi Antennas ❋ 1 x WPS configuration button	❋ IEEE802.11b/g/n	❋ 2.4000~2.4835GHz (Industrial Scientific Medical Band)

DATA RATE	INSTALLATION	LED
❋ 11b: 1/2/5.5/11Mbps ❋ 11g: 6/9/12/24/36/48/54Mbps ❋ 11n (20MHz): MCS0-15, 32 with Half Guard Interval Support (up to 144Mbps) ❋ 11n (40MHz): MCS0-15, 32 with Half Guard Interval Support (up to 300Mbps)	❋ Multi-language EZMax Setup Wizard	❋ Link ❋ TX/RX

SECURITY	DIMENSION	HUMIDITY & TEMPERATURE
❋ WEP 64/128, WPA, WPA2 ❋ Cisco CCX Support ❋ WPS configuration	❋ 132 (L) x 120 (W) x 19 (H) mm	❋ Max. 95% (Non Condensing) ❋ 32~131˚F (0~55˚C)

SYSTEM REQUIREMENTS	CERTIFICATIONS	
❋ Windows 98/ME/2000/XP/2003/Vista, Mac 10.4.x above	❋CE, FCC	

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7727In can be setup:
• Connect the EW-7727In wireless adapter to your computer.
• Setup the wireless connection by running the multi-language setup wizard.
• Connect to wireless access point or router.

Internet

EW-7717Un
USB Adapter

EW-7727In
PCI Adapter

Modem

BR-6424n
Broadband Router

EW-7708Pn
Cardbus Adapter

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